I Number	Hitc	Search Text	DB	Time stamp
L Number	Hits 72	HIGH ADJ PURITY ADJ TANTALUM	USPAT	2004/03/06 09:01
-			USPAT	2004/03/06 09:01
-	0	5N adj tantalum	EPO; JPO;	2004/03/06 09:01
-	61	HIGH ADJ PURITY ADJ TANTALUM		2007/03/00 03.01
	_		DERWENT	2004/02/06 00:01
-	0	5N adj tantalum	EPO; JPO;	2004/03/06 09:01
			DERWENT	2004/02/06 00:04
-	0	5N ADJ3 TANTALUM	EPO; JPO;	2004/03/06 09:01
			DERWENT	
-	2520	(TANTALUM AND (GRAIN ADJ SIZE))	USPAT	2004/03/06 09:01
-	36217	148/\$.ccls.	USPAT	2004/03/06 09:01
- 1	389	(((TANTALUM AND (GRAIN ADJ SIZE))) AND (148/\$.CCLS.))	USPAT	2004/03/06 09:01
-	1	((((TANTALUM AND (GRAIN ADJ SIZE))) AND	USPAT	2004/03/06 09:01
1	_	(148/\$.CCLS.))) and center adj peak adj intensity		
_	1	tantalum and center adj peak adj intensity	USPAT	2004/03/06 09:01
_	183	(((TANTALUM AND (GRAIN ADJ SIZE))) AND	USPAT	2004/03/06 09:01
	105	(RECRYSTALLIZE OR CRYSTALLIZE))		
	260	(RECKTSTALLIZE OK CKTSTALLIZE))	USPAT	2004/03/06 09:01
-			USPAT	2004/03/06 09:01
-	1	((148/668.CCLS.) AND ((((TANTALUM AND (GRAIN AD)	USFAI	2007/03/00 03.01
		SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))	LICDAT	2004/02/06 00:04
-	1	((148/dig.158.CCLS.) AND ((((TANTALUM AND (GRAIN ADJ	USPAT	2004/03/06 09:01
		SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))		2004/02/06 22 21
-	1	((148/dig.14.CCLS.) AND ((((TANTALUM AND (GRAIN AD)	USPAT	2004/03/06 09:01
		SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))		
-	2	((148/668.CCLS.) AND ((HIGH ADJ PURITY ADJ	USPAT	2004/03/06 09:01
		TANTALUM)))		
-	236	(75/419).CCLS.	USPAT	2004/03/06 09:01
-	72	(HIGH ADJ PURITY ADJ TANTALUM)	USPAT	2004/03/06 09:01
_	224	(75/622).CCLS.	USPAT	2004/03/06 09:01
_	72	(HIGH ADJ PURITY ADJ TANTALUM)	USPAT	2004/03/06 09:01
	0	5N adj tantalum	USPAT	2004/03/06 09:01
	2	(5N ADJ3 TANTALUM)	USPAT	2004/03/06 09:01
-		((HIGH ADJ PURITY ADJ TANTALUM) AND SPUTTERING)	USPAT	2004/03/06 09:01
-	20		USPAT	2004/03/06 09:01
-	15	((HIGH ADJ PURITY ADJ TANTALUM) AND (GRAIN ADJ	USPAT	2007/05/00 09.01
		SIZE))	EDO: 100:	2004/02/06 00:01
-	61	(HIGH ADJ PURITY ADJ TANTALUM)	EPO; JPO;	2004/03/06 09:01
	_		DERWENT	2004/02/06 00:04
-	0	5N adj tantalum	EPO; JPO;	2004/03/06 09:01
			DERWENT	
-	0	(5N ADJ3 TANTALUM)	EPO; JPO;	2004/03/06 09:01
			DERWENT	
-	2	((HIGH ADJ PURITY ADJ TANTALUM) AND (GRAIN ADJ	EPO; JPO;	2004/03/06 09:01
		SIZE))	DERWENT	
-	2520	(TANTALUM AND (GRAIN ADJ SIZE))	USPAT	2004/03/06 09:01
_	36217	148/\$.ccls.	USPAT	2004/03/06 09:01
_	389	(((148/\$.CCLS.) AND TANTALUM) AND (GRAIN ADJ SIZE))	USPAT	2004/03/06 09:01
_	1	(((TANTALUM AND (GRAIN ADJ SIZE))) AND	USPAT	2004/03/06 09:01
-	_		JULAI	200 1,00,00 05.01
		(148/\$.CCLS.))) and center adj peak adj intensity	LICDAT	2004/03/06 09:01
-	1	tantalum and center adj peak adj intensity	USPAT	
-	183	(((RECRYSTALLIZE OR CRYSTALLIZE) AND TANTALUM) AND	USPAT	2004/03/06 09:01
		(GRAIN ADJ SIZE))		0004/00/05 55 5
-	260	"99.995"	USPAT	2004/03/06 09:01
-	2	(("99.995" AND TANTALUM) AND (GRAIN ADJ SIZE))	USPAT	2004/03/06 09:01
-	2	(((148/422.CCLS.) AND (RECRYSTALLIZE OR CRYSTALLIZE)	USPAT	2004/03/06 09:01
		AND TANTALUM) AND (GRAIN ADJ SIZE))		
-	2	(((148/422.CCLS.) AND (RECRYSTALLIZE OR CRYSTALLIZE)	USPAT	2004/03/06 09:01
1		AND TANTALUM) AND (GRAIN ADJ SIZE))		
1-	1	((148/dig.158.CCLS.) AND ((((TANTALUM AND (GRAIN AD)	USPAT	2004/03/06 09:01
	_	SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))		=====================================
_	5	((148/422.CCLS.) AND (HIGH ADJ PURITY ADJ TANTALUM))	USPAT	2004/03/06 09:01
_	2	((148/668.CCLS.) AND (HIGH ADJ PURITY ADJ	USPAT	2004/03/06 09:01
-			USFAI	2007/03/00 03.01
<u></u>		TANTALUM)))	<u> </u>	L

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-	11 82	((420/427.CCLS.) AND (HIGH ADJ PURITY ADJ TANTALUM))	USPAT	2004/03/06 09:01
-	92			
	02	148/422.CCLS.	USPAT	2004/03/06 09:01
-	83	"148/DIG.158".CCLS.	USPAT	2004/03/06 09:01
-	115	148/668.CCLS.	USPAT	2004/03/06 09:01
	106	"148/DIG.14".CCLS.	USPAT	2004/03/06 09:01
	186	420/427.CCLS.	USPAT	2004/03/06 09:01
	236	(75/419).CCLS.	USPAT	2004/03/06 09:01
_	72	(HIGH ADJ PURITY ADJ TANTALUM)	USPAT	2004/03/06 09:01
_	14	((75/419.CCLS.) AND TANTALUM)	USPAT	2004/03/06 09:01
	3	((HIGH ADJ PURITY ADJ TANTALUM) AND (AGITATOR OR	USPAT	2004/03/06 09:01
	١	LINING))	0317(1	200 1/ 05/ 00 05:01
	224	(75/622).CCLS.	USPAT	2004/03/06 09:01
] -	224	((75/622,CCLS.) AND (AGITATOR OR LINING))	USPAT	2004/03/06 09:01
-	7		EPO; JPO;	2004/03/06 09:01
-	61	(HIGH ADJ PURITY ADJ TANTALUM)		2004/03/00 03.01
		WHITCH ADD DUDTE ADD TANTALLIAN AND (ACTUATOD OD	DERWENT	2004/02/06 00-01
-	0	(((HIGH ADJ PURITY ADJ TANTALUM)) AND (AGITATOR OR	EPO; JPO;	2004/03/06 09:01
		LINING))	DERWENT	
-	96	(TANTALUM AND (AGITATOR OR LINING))	EPO; JPO;	2004/03/06 09:01
	_		DERWENT	0004/00/05 == ==
-	24	75/622.ccls.	EPO; JPO;	2004/03/06 09:01
			DERWENT	
	224	(75/622).CCLS.	USPAT	2004/03/06 09:01
- 1	244	((75/419) or (75/622) or (75/10.1) or (75/10.13) or	USPAT	2004/03/06 09:01
	ŀ	(75/10.64) or (148/442) or (148/668) or (420/427)).CCLS.		
-	2	5N ADJ3 TANTALUM	USPAT	2004/03/06 09:01
-	20	(((HIGH ADJ PURITY ADJ TANTALUM)) AND SPUTTERING)	USPAT	2004/03/06 09:01
-	15	(((HIGH ADJ PURITY ADJ TANTALUM)) AND (GRAIN ADJ	USPAT	2004/03/06 09:01
	ĺ	SIZE))		
-	2	(((HIGH ADJ PURITY ADJ TANTALUM)) AND (GRAIN ADJ	EPO; JPO;	2004/03/06 09:01
		SIZE))	DERWENT	, ,
-	11	(((HIGH ADJ PURITY ADJ TANTALUM)) AND SPUTTERING)	EPO; JPO;	2004/03/06 09:01
		(((	DERWENT	
_	2	(("99.995") AND ((TANTALUM AND (GRAIN ADJ SIZE))))	USPAT	2004/03/06 09:01
_	2	((148/422.CCLS.) AND ((((TANTALUM AND (GRAIN ADJ	USPAT	2004/03/06 09:01
	-	SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))	00,,,,	200 ,, 02, 00 00.02
	2	((420/427.CCLS.) AND ((((TANTALUM AND (GRAIN AD)	USPAT	2004/03/06 09:01
	-	SIZE))) AND (RECRYSTALLIZE OR CRYSTALLIZE))))	051711	200 1/05/00 05:01
	5	((148/422.CCLS.) AND ((HIGH ADJ PURITY ADJ	USPAT	2004/03/06 09:01
	٦	TANTALUM)))	OSIAI	200 1/05/00 05:01
	11		USPAT	2004/03/06 09:01
	11	(((HIGH ADJ PURITY ADJ TANTALUM)) AND (420/427.CCLS.))	JOSEAN	200 1/05/00 05.01
	82	148/422.CCLS.	USPAT	2004/03/06 09:02
_	- 1		USPAT	2004/03/06 09:02
_	83	"148/DIG.158".CCLS.	USPAT	2004/03/06 09:02
	115	148/668.CCLS.		
_	106	"148/DIG.14".CCLS.	USPAT	2004/03/06 09:02
-	1	("3268328").PN.	USPAT	2004/03/06 09:02
-	186	420/427.CCLS.	USPAT	2004/03/06 09:02
-	14	((75/419.CCLS.) AND TANTALUM)	USPAT	2004/03/06 09:02
-	6	((75/419.CCLS.) AND (AGITATOR OR LINING))	USPAT	2004/03/06 09:02
-	3	(((HIGH ADJ PURITY ADJ TANTALUM)) AND (AGITATOR OR	USPAT	2004/03/06 09:02
	_	LINING))		
-	54	((75/622.CCLS.) AND TANTALUM)	USPAT	2004/03/06 09:02
-	7	((75/622.CCLS.) AND (AGITATOR OR LINING))	USPAT	2004/03/06 09:02
-	6	(((TANTALUM AND (AGITATOR OR LINING))) AND	EPO; JPO;	2004/03/06 09:02
		(REDUCTION OR REDUCING))	DERWENT	
-	1	"3146094".PN.	USPAT	2004/03/06 09:02
-	54	((75/622.CCLS.) AND TANTALUM)	USPAT	2004/03/06 09:02
-	6	(("3146094") or ("3269830") or ("3801307") or ("3839020")	USPAT	2004/03/06 09:02
		or ("3847596") or ("3850623")).PN.		
-	3	(("75/622").CCLS.) AND AGITATOR	USPAT	2004/03/06 09:02
	159	((("75/622").CCLS.) AND (@PD <= "19720101"))	USPAT	2004/03/06 09:02

-	96	(((75/419) or (75/622) or (75/10.1) or (75/10.13) or	USPAT	2004/03/06 09:02
		(75/10.64) or (148/442) or (148/668) or (420/427)).CCLS.)		
		and @pd>=20000525		
-	3	("6331233").PN.	USPAT;	2004/03/06 09:28
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	("6348113").PN.	USPAT;	2004/03/06 09:44
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	"9966100"	USPAT;	2004/03/06 09:48
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/02/05 00 50
-	18	"206159"	USPAT;	2004/03/06 09:50
			US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	2004/02/06 00:50
	2	"20020072475"	USPAT;	2004/03/06 09:50
			US-PGPUB;	
			EPO; JPO;	
		′	DERWENT;	
			IBM_TDB	

L Number	Hits	Search Text	DB	Time stamp
1	570	(niobium or columbium) adj metal	USPAT;	2004/03/06 10:39
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
5	0	"ep0902102"	USPAT;	2004/03/06 10:46
			EPO; JPO;	
			DERWENT;	
		•	IBM_TDB	
6	9819	sputtering and (niobium or columbium or nb or cb)	USPAT;	2004/03/06 10:46
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	0	niobium same (round or axial3) adj forg\$3	USPAT;	2004/03/06 10:46
		-	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	992	sputtering adj target same manufactur\$4	USPAT;	2004/03/06 10:46
			EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
15	1100	sputtering adj target same manufactur\$4	USPAT;	2004/03/06 10:46
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
17	141	(148/668).CCLS.	USPAT;	2004/03/06 10:46
17	111	(110/000).0003.	EPO; JPO;	- ' '
			DERWENT;	
		·	IBM_TDB	
18	84	(148/422).CCLS.	USPAT;	2004/03/06 10:46
16	07	(140/422).0013.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
10	154	(420/425).CCLS.	USPAT;	2004/03/06 10:46
19	154	(420/423).CCL3.	EPO; JPO;	200 1,00,00 20.10
			DERWENT;	
		·	IBM_TDB	
20	020	(204/209 12) CCLS	USPAT;	2004/03/06 10:46
20	939	(204/298.12).CCLS.	EPO; JPO;	200 1/05/00 10.10
			DERWENT;	
			IBM_TDB	
24	F70	(204/200 42) CCLC	USPAT;	2004/03/06 10:46
21	578	(204/298.13).CCLS.	EPO; JPO;	2004/05/00 10.40
			DERWENT;	
		((204/200 42) CCLC ) ((204/200 42) CCLC )	IBM_TDB USPAT;	2004/03/06 10:46
22	1346	((204/298.12).CCLS.) ((204/298.13).CCLS.)		2004/03/00 10.40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/02/06 10:46
23	1698	((148/668).CCLS.) ((148/422).CCLS.) ((420/425).CCLS.)	USPAT;	2004/03/06 10:46
1		((204/298.12).CCLS.) ((204/298.13).CCLS.)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	200 1/00 100 10 10
25	357	((148/668).CCLS.) ((148/422).CCLS.) ((420/425).CCLS.)	USPAT;	2004/03/06 10:46
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
27	3691	sputter adj target	USPAT;	2004/03/06 10:46
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1

		de different and (courtton adi target)	USPAT;	2004/03/06 10:47
30	0	round adj forge and (sputter adj target)	EPO; JPO;	2004/05/00 10.47
]			DERWENT;	
			IBM_TDB	2004/03/06 10:47
31	0	axial adj forge and (sputter adj target)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
32	0	axial near2 forge and (sputter adj target)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
33	0	axial near2 forg\$4 and (sputter adj target)	USPAT;	2004/03/06 10:47
		<u>-</u> , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
34	l 0 l	round near2 forg\$4 and (sputter adj target)	USPAT;	2004/03/06 10:47
• •		J1 (1 )	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
36	0	clean same forg\$4 and (sputtering adj target same	USPAT;	2004/03/06 10:47
30	0	manufactur\$4 and (niobium or columbium or nb or cb))	EPO; JPO;	,
		mandiactars rand (mobilin or columniam or no c. 55)	DERWENT;	
			IBM_TDB	
		"07076E0"	USPAT;	2004/03/06 10:47
3	6	"8707650"	EPO; JPO;	200 1/05/00 20117
			DERWENT;	
			IBM_TDB	
				2004/03/06 10:47
4	2	"0902102"	USPAT;	2004/03/00 10.47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/02/05 40:47
7	25	(niobium or columbium or nb or cb) near2 sputtering adj	USPAT;	2004/03/06 10:47
		target	EPO; JPO;	
			DERWENT;	
	i		IBM_TDB	
9	1	niobium and (round or axial3) adj forg\$3	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
10	38	(round or axial3) adj forg\$3	USPAT;	2004/03/06 10:47
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
11	2	"62104180"	USPAT;	2004/03/06 10:47
1 **	_	0220120	EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	1
12	6	"60118774"	USPAT;	2004/03/06 10:47
12	"	00110771	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
12		"61276075"	USPAT;	2004/03/06 10:47
13	2	"61276975"	EPO; JPO;	200 1/05/00 10:17
			DERWENT;	
1	1	(	IBM_TDB	2004/03/06 10:47
16	117	(sputtering adj target same manufactur\$4) and (niobium or	USPAT;	2007/03/00 10.7/
		columbium or nb or cb)	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	

24	97	(((204/298.12).CCLS.) ((204/298.13).CCLS.)) and (niobium	USPAT;	2004/03/06 10:47
		or columbium or nb or cb)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
26	185	(((148/668).CCLS.) ((148/422).CCLS.) ((420/425).CCLS.))	USPAT;	2004/03/06 10:47
		and (niobium or columbium or nb or cb)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
28	1	upset adj forge and (sputter adj target)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2224/22/25 42 43
29	62	crystal adj (orientat\$4 or texture) and (sputter adj target)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/02/06 40.47
35	142	sputtering adj target same manufactur\$4 and (niobium or	USPAT;	2004/03/06 10:47
		columbium or nb or cb)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/20/2064047
37	27	clean same forg\$4 and (niobium or columbium or nb or cb)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/02/06 40:47
38	141	(148/668).CCLS.	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
		I and the second of the second	IBM_TDB	2004/02/06 10:47
39	124	clean and forg\$4 and (niobium or columbium or nb or cb)	USOCR	2004/03/06 10:47
40	6	clean and forg\$4 and ((148/668).CCLS.)	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
44		Jan 2 5 2 5 2 5 2 5 2 5 4	IBM_TDB	2004/02/06 10:47
41	60	clean near3 forg\$4	USPAT;	2004/03/06 10:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	